

Cleaved Caspase-9 P37 polyclonal antibody

Catalog: BS80387

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

This gene encodes a member of the cysteine-aspartic acid protease (caspase) family. Sequential activation of caspases plays a central role in the execution-phase of cell apoptosis. Caspases exist as inactive proenzymes which undergo proteolytic processing at conserved aspartic residues to produce two subunits, large and small, that dimerize to form the active enzyme. This protein can undergo autoproteolytic processing and activation by the apoptosome, a protein complex of cytochrome c and the apoptotic peptidase activating factor 1; this step is thought to be one of the earliest in the caspase activation cascade. This protein is thought to play a central role in apoptosis and to be a tumor suppressor. Alternative splicing results in multiple transcript variants.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 37 kDa

Swiss-Prot:

P55211

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB,1:500 - 1:1000|IHC,1:100 - 1:200|IF,1:100 - 1:500

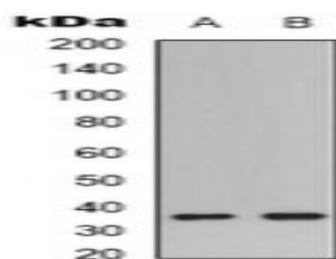
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

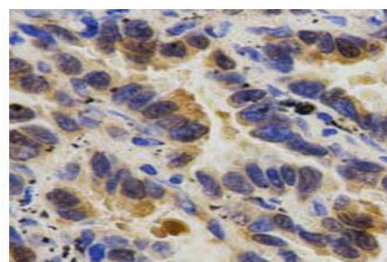
Specificity:

Cleaved Caspase-9 P37 polyclonal antibody detects endogenous levels of Cleaved Caspase-9 P37 protein.

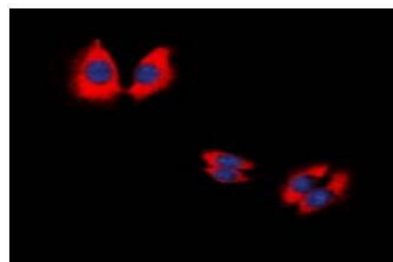
DATA:



Western blot analysis of Caspase 9 p37 expression in A549 (A), HEK293T (B) whole cell lysates.



Immunohistochemical analysis of Caspase 9 p37 staining in human lung cancer formalin fixed paraffin embedded tissue section.



Immunofluorescent analysis of Caspase 9 p37 staining in HeLa cells.

Note:

For research use only, not for use in diagnostic procedure.

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